

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 79-43

WASTE DISCHARGE REQUIREMENTS FOR:

DUFFY'S MYRTLEDALE, CALISTOGA
NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter Board) finds that:

1. Duffy's Myrtledale, submitted a Report of Waste Discharge dated August 23, 1978, and provided additional information by phone on September 6 and September 14, 1978, and letter dated October 23, 1978.
2. Duffy's Myrtledale, a state licensed alcohol rehabilitation facility, hereinafter called the discharger, reports:
 - a. Waste from the facility's main building, guest cottage, and five bedroom dormitory is discharged to a septic tank and then to five oxidation-evaporation ponds. The flow will be as much as 2,000 gallons per day but only 210,600 gallons per year because the facilities are not fully utilized all of the time. The ponds have a surface area of 23,350 square feet and a storage capacity of 700,500 gallons.
 - b. Waste from an eight bedroom dormitory and the five-bedroom employees quarters is discharged to septic tanks with leach lines which can handle 1000 gallons per day.
 - c. There is an average of 14 employees and 25 residents at the facility.
3. The Board adopted a Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) in April, 1975.
4. The beneficial uses of the Upper Napa Valley Ground Waters as set forth in the Basin Plan include:

Domestic water supply
Agricultural water supply
5. The beneficial uses of the Napa River at Calistoga are:

Recreation, including body contact sports
Sport fishing
Migratory routes for spawning of steelhead trout
Spawning and nursery areas for steelhead and rainbow trout
Agricultural water supply for stock watering and irrigation
Esthetic enjoyment

6. The discharger is presently governed by Waste Discharge Requirements Resolution No. 132.
7. As this project is adoption of waste discharge requirements for an existing discharge, this Board pursuant to Water Code Section 13389, is not required to comply with the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Environmental Quality Act).
8. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, that the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Waste at the surface of treatment ponds shall meet the following quality limits at all times:

In any grab sample:

Dissolved Sulfide	0.1 mg/l maximum
Dissolved Oxygen	2.0 mg/l minimum

3. A minimum freeboard of at least 1 foot shall be maintained in the oxidation ponds.
4. The oxidation ponds shall be protected against erosion, washout and flooding from a flood having a predicted frequency of once in 100 years.
5. Waste discharged to the septic tank with leach lines shall be kept below the ground surface at all times.

B. Prohibitions

1. Waste shall not be allowed to escape from the discharger's property into waters of the State via surface flow or surfacing after percolation.

2. The disposal of waste shall not cause degradation of ground water suitable for domestic use or cause an increase in any quality parameter that would make ground water unsuitable for irrigation use.

C. Provisions

1. The discharger shall comply with the Self-Monitoring Program as ordered by the Executive Officer.
2. The discharger shall comply with Standard Provisions Nos. A-1, A-2, A-3, A-4, A-6, A-7, A-8, A-11, A-13, A-15, and A-17 of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977.
3. The discharger shall file with this Board a report of any material change or proposed change in the character, treatment, or volume of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries, or ownership of the property.
4. The requirements prescribed by this Order supersede the requirements prescribed by Resolution No. 182 adopted by the Board on February 17, 1955. Resolution No. 182 is hereby rescinded.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 17, 1979.

FRED H. DIERKER
Executive Officer

Attachment:

Standard Provisions, Reporting Requirements and Definitions - April 1977
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

T E N T A T I V E

Revised
SELF-MONITORING PROGRAM
FOR

Duffy's Myrtledale

Calistoga, Napa County

ORDER NO. 79-43

CONSISTS OF

PART A

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383 and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

A. Pond Influent

Monthly, determine average daily flow, in gallons per day, of wastewater entering the treatment pond system.

B. Treatment Ponds

At any point on each pond's surface, representative of the wastewater:

1. Monthly, determine dissolved oxygen (D.O.) concentration, mg/l. If D.O. is less than 2.0 mg/l, sample for dissolved sulfides.
2. Monthly, determine pH for each pond.
3. Weekly for each pond, determine pond freeboard: the depth, in inches, from the water surface to the lowest point in pond perimeter dike.
4. Weekly, perform the following standard observations along perimeter of each pond:
 - a. Evidence of leaching liquid from pond perimeter dike and estimated size of affected area. (Show affected area on a sketch).
 - b. Odor: presence or absence characterization, source and distance of travel.
 - c. Estimated number of waterfowl and other water-associated birds in the ponds' vicinity.

C. Leachfields

1. Monthly, determine whether the wastewater discharged to the septic tank system is being kept below ground.

III. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements:

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone at (415) 464-1255 as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

2. Bypass Reports:

Bypass reporting shall be an integral part of regular monitoring program reporting and a report on bypassing of untreated waste or bypassing of any ponded water shall be made which will include cause, time and date, duration and estimated volume of waste bypassed, method used in estimating volume, and persons (including Napa County Health) notified, for planned and/or unplanned bypasses. Notification to the Regional Board shall be made immediately by phone, followed by written correspondence within 15 days if a bypass occurs.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal:

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past months and actions taken or planned for correcting violations, such as operation modifications and/or pond facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. Monitoring reports and the letter transmitting reports shall be signed by the facility owner. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Data Results

All results observed or analyzed in IIA-c, including dates and times of sampling and/or observations.

c. Map:

A map shall accompany the report showing sampling and observation station locations.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-43.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date _____